

Title (en)
30 Gauge Lancet

Title (de)
Lanzette der Grösse 30

Title (fr)
Lancette de taille 30

Publication
EP 0904731 A2 19990331 (EN)

Application
EP 98307812 A 19980925

Priority
US 93738597 A 19970925

Abstract (en)
A lancet assembly includes an injection molded housing having a 30 Gauge metal stylet that is inserted and bonded therein. Since no molding forces are ever applied to the 30 Gauge stylet the resulting lancet assembly is the first having an entirely straight small diameter stylet. Therefore, the lancet assembly with this small straight 30 Gauge stylet causes less pain than any currently available larger gauge lancets. In addition, when the 30 Gauge stylet is lubricated after being mounted in the housing the lancet assembly not only causes less pain but has also been found to provide improved blood flow from the very small puncture wound. <IMAGE>

IPC 1-7
A61B 5/14

IPC 8 full level
A61B 5/151 (2006.01); **A61B 5/15** (2006.01)

CPC (source: EP)
A61B 5/150022 (2013.01); **A61B 5/150412** (2013.01); **A61B 5/150587** (2013.01); **A61B 5/150717** (2013.01); **A61B 5/15105** (2013.01); **A61B 5/15142** (2013.01)

Cited by
US8257380B2; US10307095B2; US7311718B2; US10070811B2; US11071482B2; US7621931B2; US7651512B2; US6558402B1; US8709032B2; US8777973B2; US9622697B2

Designated contracting state (EPC)
DE ES FR GB IT

DOCDB simple family (publication)
EP 0904731 A2 19990331; **EP 0904731 A3 20000315**; CA 2245056 A1 19990325; JP H11151226 A 19990608

DOCDB simple family (application)
EP 98307812 A 19980925; CA 2245056 A 19980814; JP 27217998 A 19980925